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TULIPS, PEONIES, NARCISSI, IRISES

ANNUAL CATALOGUE—AUGUST 15, 1931

Oronogo Flower Gardens

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CARTERVILLE, MO.

BENJAMIN C. AUTEN

Terms: Cash with order. No charge for packing. Goods offered subject to previous sale. All prices include delivery by mail or express.

Items quoted only in small quantities can be furnished only in small quantities, and at the printed prices.

Bulbs shipped on receipt of order, plants in regular routine of digging and shipping. Bulbs and plants not shipped together, nor at the same time.

No guarantee goes with my bulbs or plants, but I take extreme pains to have them true to name, and it is on them I depend for future orders. Write me, however, if you fail to have success with them. It is important for me to know.

If a mistake is made in the filling of your order or the package reaches you in bad condition, write me. I do not know of it unless you do.

If you do not hear from your orders in a reasonable length of time, write. Orders may get lost on the way, may possibly be overlooked after receipt, or the shipment may go astray.

Order early and plant early, while the bulbs are still fresh and solid.

Next year's price list will as a matter of course be sent to all this year's customers, but I do not keep a permanent mailing list.

My own growing only. Fall business only.

Every bulb and plant in this catalogue, except the three house-plants, is for outdoor planting before winter. The ideal time to plant is just when the summer heat and drouth are broken.

If you were to compare my prices with those charged by some catalogues, you would feel sorry for me, or for my bulbs; but buy my bulbs, and I'll not need sympathy, nor will you: we'll both be pleased. My narcissus bulbs this year are fine, and the tulip bulbs also. Weather conditions in the spring were ideal for the development of good bulbs, and digging conditions were perfect.

While there is no profit in filling small orders, if there is anything in this catalogue you want, no matter how little, I want the privilege of supplying it.

Few people realize what it means to buy a bulb, or to sell one. If a bulb doubles every year, which is a common rate of increase, and I take care of the bulb and its increase, at the end of twenty years I'll have 1,048,576 bulbs. If, however, I sell a bulb every year, at the end of twenty years I'll have just one bulb, and the customers to whom I sold twenty bulbs will have the other 1,048,575. When a person buys a bulb for ten cents, or a dollar, he is getting a lot for his money.

THE FORCING OF BULBS

The "F" and "FF" varieties of narcissi, the hyacinths, the grape hyacinths, and the Star of Bethlehem are easily brought to bloom in the house in winter.

For success with any of these bulbs, a certain routine is absolutely necessary. After potting or other method of planting, the bulbs must be put where dark and very cool, the colder the better, so they do not freeze, and kept faithfully watered, for as much as two months, unless they make determined growth sooner. When the buds are above ground, or the two months are up, the bulbs can be brought to warmth and light to complete their growth. Do not get them too warm, or the buds will biast, and do not let them stand in strong sun.

The best material I have found for growing bulbs in water is poultry-grit charcoal, hen size. It does not get foul, holds water a long time, and does not obstruct the roots if properly handled. The dish preferably should be of glass, and more than three inches deep.

Bulbs of hyacinths, narcissi, etc., grown indoors for winter blooming, should be kept growing until the leaves die down, then set in the ground outdoors, where they can remain at least a year undisturbed.

OUTDOOR GROWING

Tulip and Narcissus bulbs should be planted about three inches deep to the tops of the bulbs as soon as possible after summer heat and drouth are broken, must remain in the ground over winter, and should not be disturbed until the leaves have turned yellow in early summer. This is the correct time to dig them. Narcissi prefer to be left in the ground several years. Tulips are better dug every year, though they may be let go an extra year if small when planted. Plant about six inches apart.

Bulbs should not be allowed to lie in the sun when dug, nor when planting, nor at any other time. They should be stored cool, dark, and well ventilated.

NARCISSUS BULBS

Please notice the formula after each name: it contains a small paragraph of description. The first abbreviation is for the type of

the variety. Ajax is the type with the large flaring trumpet, commonly, but erroneously called "Jonquil," incomparabilis with the medium-size trumpet or cup, Barrii with the small cup. Leedsii is a type with medium or small cups, the flower pale in color, primrosewhite. Poeticus is the common flat white type, with the red-edged saucer in the center. Jq is for the jonquil and its hybrids. Pz is for poetaz and Tz for tazetta, bunch-flowered forms. Y is for yellow, W for white, and Bic for bicolor, yellow or red center and white wings. The numbers 1 to 6 tell the season of bloom. F means that a variety is good for forcing, FF that it is very good. RG means that a variety is low growing, and therefore suitable for the rock garden.

Prices include delivery by mail or express. Except of a few varieties these quotations are very low, practically wholesale. The bulbs are good, but I have built up an extensive stock, and can afford to sell at these prices.

For indoor growing use only F and FF varieties.

Mixture. Many varieties and types, earliest to latest, interesting in garden planting, good for cutting, and well adapted to naturalizing. 10 for 50c, 25 for \$1.00, 100 for \$3.00, 250 for \$7.00, 1,000 for \$27.00.

Alba Plena Odorata. PtW6. "Gardenia-flowered." The common double white, the latest of all narcissi. 6c, 5 for 24c, 25 for \$1.10, 100 for \$4.00, 250 for \$9.00.

Bath's Flame. BarY4. A very tall, large, wingy flower. 24c.

Beauty. IncY3FF. Large, all yellow. 10c, 5 for 40c.

Bedouin. BarW4. Tall. Tips of the petals round. 16c.

Bianca. LdW4F. Almost perfectly flat, eye bright green. 8c, 5 for 32c.

Biflorus. TzBic6. Usually two on a stem, very dainty, and of exquisite fragrance. 6c, 5 for 24c, 25 for \$1.10, 100 for \$4.00.

Brilliancy. BarY3. Similar to Bath's Flame, but earlier. 20c.

Buttercup. JqY4FF. Not large, but a magnificent flower, of richest color, heaviest substance, and fine style. 20c, 5 for 80c, 25 for \$3.70.

Buttonhole. IncY4RG. A curiosity. The cup is split and crinkled, giving the effect of a double. 20c.

Campernelle. JqY2F. Like Giganteus, but earlier, and lighter in color. Exquisitely fragrant. 8c, 5 for 32c, 25 for \$1.50, 100 for \$5.60.

Campernelle Giganteus. JqY2. Very large, deep golden in color. 10c, 5 for 40c, 25 for \$1.90.

Canary Eye. LdW4. Elegantly twisted petals, and rich green center. 10c, 5 for 40c, 25 for \$1.90, 100 for \$7.20.

Cardinal. IncY3RG. Cup bright red. 6c, 5 for 24c, 25 for \$1.10, 100 for \$4.00.

Chaucer. PtW3F. The earliest of the poeticus varieties, and has the reddest eye. 6c, 5 for 24c, 25 for \$1.10.

Cleopatra. AjY4F. Very large, and of grand style. 24c.

Cœur de Lion. BarY4F. Has heavy substance and stylish form. Plant deep. 8c, 5 for 32c, 25 for \$1.50.

Conspicuous. BarY4F. An old favorite. The cup is rimmed with rich red. 6c, 5 for 24c, 25 for \$1.10, 100 for \$4.00, 250 for \$9.00.

Crown Prince. BarBic4. Tall stem. Cup tinted. 10c.

Dorothy Wemyss. BarBic4FF. Like Conspicuous, but white, and of choicer quality. 8c, 5 for 32c, 25 for \$1.50, 100 for \$5.60.

Dorothy Wemyss No. 2. IncBic5RG. A dainty nodding flower. 12c.

Early Trumpet. AjY2FF. Spurius? Same size as Golden Spur, lighter in color. 8c, 5 for 32c, 25 for \$1.50, 100 for \$5.60.

Emperor. AjY3FF. The common big yellow narcissus. Any customer who last fall received Empress when this was ordered will please notify me for correction of the error. 10c, 5 for 40c, 25 for \$1.90, 100 for \$7.20.

Evangeline. LdW4. Large flat flower, very tall. 8c, 5 for 32c, 25 for \$1.50.

Fairy Queen. LdW2F. The whole flower is snowy white. Cup large. 8c, 5 for 32c, 25 for \$1.50, 100 for \$5.60.

Figaro. IncY3F. A broad starry flower with slender pointed petals. 8c, 5 for 32c, 25 for \$1.50.

Firebrand. BarBic3. A fiery little flower. From its brilliancy it should be acceptable for rock garden. 6c, 5 for 24c, 25 for \$1.10, 100 for \$4.00, 250 for \$9.00, 1,000 for \$33.00.

Furnace. BarY2RG. Deep yellow, cup tinged red. 16c.

Glitter. BarY5RG. Rich deep greenish sulphur-yellow. 12c.

Gloria Mundi. IncY3FF. Style of Sir Watkin. 10c.

Glory of Sassenheim. AjBic2FF. Very large and fine. 10c. 5 for 40c, 25 for \$1.90, 100 for \$7.20.

Golden Apricot. IncY5. Large, with large spreading trumpet. 24c.

Golden Scepter. JqY2FF. An exquisite flower, and elegant. Every customer should try one. 16c.

Gold Finch. AjY2FF. Deep yellow, almost orange. Trumpet large, short, and very flaring. 16c, 5 for 64c, 25 for \$3.10.

Grandiflorus. PtW5FF. The largest of the poeticus type, bold and striking in form, and very effective in the garden or for decorating. 6c, 5 for 24c, 25 for \$1.10, 100 for \$4.00, 250 for \$9.00, 1,000 for \$33.00.

Green Double. Should be yellow, and I suspect can be restored by deep planting where cool, moist, and shady. Even as it is, some consider it the finest of all. 8c, 5 for 32c, 25 for \$1.50, 100 for \$5.60.

Homespun. IncY3F. Dark greenish sulphury yellow, a very distinguished color. Elegant in form. 8c, 5 for 32c, 25 for \$1.50, 100 for \$5.60.

Jonquil. JqY5FRG. A tiny flower, but strong in color and marvelous in fragrance. 6c, 5 for 24c.

King Alfred. AjY2FF. A grand flower. 16c, 5 for 64c.

King Edward. PtY5FF. Almira. Of snowiest white and heaviest substance. The finest forcer of its type. 7c, 5 for 28c, 25 for \$1.30, 100 for \$4.80, 250 for \$10.80, 1,000 for \$40.00.

Lady Hillingdon. JqY3F. Strong grower, usually with two or three flowers on a stem. 40c.

Lady Margaret Boscawen. IncBic3. Large flower. 20c.

Leonie. IncY3FF. Pale yellow, cup large and flaring. A choice flower on a tall, strong stem, fine for every purpose. 8c, 5 for 32c, 25 for \$1.50, 100 for \$5.60, 250 for \$12.00, 1,000 for \$44.00.

Lord Roberts. AjY2. Larger than Emperor, and earlier, trumpet much broader. 24c.

- Loveliness.** AjW4. A lovely flower. 40c.
- Lucia.** LdW4F. Tall and stately. Very fine when grown indoors. 8c, 5 for 32c.
- Martha.** AjBic3. Form of Emperor. 12c.
- Masterpiece.** BarBic4. Similar to a poeticus, but with larger eye. 12c, 5 for 48c.
- Minerva.** PtW5RG. A poeticus of very unusual form. 12c.
- Mrs. Moreland Crossfield (?)**. AjBic3. Probably not true, but a nice flower. 10c.
- Olympia.** AjY3FF. A massive flower. 20c.
- Orange Phoenix.** IncBic2F. Double. One of the most satisfactory of the doubles. 10c, 5 for 40c, 25 for \$1.90.
- Oriflamme.** BarBic3FF. This variety has the most brilliant cup of any variety in this list, and the cup is large for the size of the flower. Though tall, should be acceptable for rock garden. Plant deep. It makes a vivid note of color as a forced flower. 8c, 5 for 32c, 25 for \$1.50, 100 for \$5.60, 250 for \$12.00.
- Ornatus Maximus.** PtW4. A fine poet's narcissus. 12c, 5 for 48c.
- Pedestal.** IncY4RG. Large for its type. Straight cup. 16c.
- Queen of the North.** LdW3. Similar to White Lady, but decidedly superior, except for forcing. Stem very tall, flower large, flat, and of heavy substance. 8c, 5 for 32c, 25 for \$1.50, 100 for \$5.60, 250 for \$12.00, 1,000 for \$44.00.
- Red Beacon.** BarBic4RG. Flat cup, frilled, and edged orange red. 12c, 5 for 48c.
- Rugulosus.** JqY2FFRG. 8c.
- Seagull.** BarW3. Much like a very large and very tall poeticus. 8c, 5 for 32c.
- Silver Wing.** PtW4. Double. Different from the common one. 12c.
- Southern Star.** BarBic3FF. Pointed overlapping petals, cup broad, and edged bright red. 8c, 5 for 32c, 25 for \$1.50, 100 for \$5.60, 250 for \$12.00.
- Strongbow.** IncBic5RG. Very stubby, and of highest quality. 20c.
- Tresserve.** AjY3. Larger than Emperor, and more refined. 20c.
- Van Waveren's Giant.** AjY3. Truly a giant. 24c, 5 for 96c.
- Victoria.** AjBic2FF. 8c.
- White Trumpet.** AjW2. Name unknown. Early. 16c.
- Will Scarlet.** IncBic6RG. Famous for its large red cup. 16c.
- W. P. Milner.** AjW2FRG. Distinctively a rock-garden variety. Very tiny. 12c.
- Yellow Doubles.** Mixture of Argent, Doubloon, Orange Phoenix, Sulphur Queen, Pearl. Not furnished separately. 8c, 5 for 32c, 25 for \$1.50, 100 for \$5.60.

Of the varieties of which only one bulb or five bulbs are offered, please order only one or five bulbs, as my supply of these varieties is small.

MISCELLANEOUS BULBS

Prices include delivery.

Grape Hyacinth. Deep purple-blue. Very fine for bedding, edging, rock garden, naturalizing. Plant two inches deep to tops of bulbs.

Mammoth size, 5c, 6 for 24c, 25 for 90c, 100 for \$3.00. Large size, 3 for 10c, 12 for 30c, 100 for \$2.00. Small blooming size, 5 for 10c, 25 for 30c, 100 for \$1.00.

Grape Hyacinth. White. "Pearls of Spain." 5c, 6 for 24c, 12 for 40c.

Hyacinth. In outdoor planting set six to eight inches apart, four inches deep to the tops of the bulbs. In mixture only, and in mixed sizes. A good twenty-five cents' worth, 25c.

Star of Bethlehem. White flowers in masses, about six inches high. Useful for the same purposes as grape hyacinths. 3 for 10c, 12 for 30c. Small blooming size, 4 for 10c, 12 for 20c, 50 for 60c, 100 for \$1.00.

Chionodoxa. Little blue flowers of exquisite daintiness, usable the same as grape hyacinths. 3 for 10c, 12 for 30c.

Chionodoxa. Seed. Packets of 150 or more, 15c. Plant where cool, moist and shady, about one-half inch deep.

Snowdrop. A dainty flower of faultless beauty, purest white, which comes before freezing weather is over, and is not hurt by it. 5c, 3 for 10c, 25 for 60c.

Scilla Nutans. Blue. 5c.

Umbellatum Lily. Orange. Upright. Should be planted four to five inches deep to top of bulb. 25c.

Rocambole. *Allium Scorodoprasum*. Four-inch flower balls of pinkish blue on stems four to five feet tall. Just before the stems ripen, cut them for winter decoration. The bulbs are good for use in cooking, in flavor the same as garlic. 15c, 2 for 25c.

Garlic, Rosette Form. An improved form of garlic. Grow it for home use and market. Used for its flavor in cooking, especially in soups and with meats, the same as onions. 10c, 3 for 25c.

Garlic, Common Form. Carefully selected strain for planting. 5c, 3 for 10c. Ordinary stock for cooking or planting, one-fourth pound, 10c, one pound 25c.

Winter Onions. These give green onions from late fall until summer, except when the ground is frozen. One-half pound, 15c, one pound, 25c.

TULIP BULBS

These tulips are all late flowering, and are for outdoor growing only. The bulbs are ready in August.

Prices include delivery by mail or express.

Mixed Late. Many styles and colors, a get-acquainted mixture. The mixtures mostly supplement, rather than duplicate, the named lists, so are of interest to all. 12 for 36c, 25 for 60c, 100 for \$2.00, 250 for \$4.50.

Avis Kennicott. One of the finest of yellow tulips. 8c.

Bouton d'Or. A small flower, of deepest golden yellow. The nearest like a Darwin of any of the common yellow varieties. 5c, 3 for 12c, 12 for 40c, 25 for 70c.

Columbus. Striped scarlet and orange. Bud pointed like a needle. 8c, 3 for 20c, 12 for 70c.

Flava. Very large, tall, pale yellow. 8c, 3 for 20c.

Fulgens. Deep red, yellow center, pointed petals. I do not know a better deep-red tulip. 6c, 3 for 15c.

Inglescombe Yellow. Pure sulphur-yellow. 4c, 3 for 10c.

Mrs. Moon. One of the finest of yellow tulips. Tall, pointed flower. 6c, 3 for 15c, 12 for 50c.

Themis. Pure White. 16c.

W. T. Ware. The deepest and richest yellow of all tulips. Very late. 8c, 3 for 20c, 12 for 70c.

Darwin Type

Mixed Darwins. Most of the Darwin colors are represented in this mixture, but not the varieties listed below, except Clara Butt. 12 for 40c, 25 for 70c, 100 for \$2.40.

Afterglow. Soft apricot-orange, edged salmon. 7c, 3 for 18c, 12 for 60c.

Bleu Celeste. Warm dark blue. Early for a Darwin. 7c, 3 for 18c.

Clara Butt. Exquisite apricot pink. The most popular of all tulips. 5c, 3 for 12c, 12 for 40c, 25 for 70c, 100 for \$2.40, 250 for \$5.60, 1,000 for \$20.00.

Electra. Soft rosy lilac. 6c, 3 for 15c, 12 for 50c.

Elephant. Slaty blue, a magnificent tulip. 24c, 3 for 60c.

Farncombe Sanders. The loveliest of red tulips. 6c, 3 for 15c, 12 for 50c, 25 for 90c, 100 for \$3.20, 250 for \$7.50.

Faust. Very dark purple. 8c.

Jubilee. Another magnificent dark purple. 8c, 3 for 20c.

King George V. Brilliant red. Magnificent. 12c, 3 for 30c.

La Tristesse. Slaty blue, with white center. A flower of wonderfully somber beauty. 6c, 3 for 15c, 12 for 50c, 25 for 90c.

L'Ingenue. Lovely pink. Very tall. 6c, 3 for 15c, 12 for 50c, 25 for 90c.

Madame Barrois. Magnificent pink. Late. 12c.

Massenet. Apple-blossom pink. The grandest tulip I know. 10c, 3 for 25c, 12 for 90c.

Moralis. Very dark purple, with large white center. 7c, 3 for 18c.

Opal. Heliotrope-lilac, white center. 6c, 3 for 15c.

Painted Lady. Soft heliotrope-white. 6c, 3 for 15c, 12 for 50c, 25 for 90c.

Princess Elizabeth. Clear rosy pink. 6c, 3 for 15c.

Purple Black. The darkest tulip I know, the most intense in color, and the latest. 16c.

Rev. Ewbank. Soft brilliant gray-blue. 6c, 3 for 15c, 12 for 50c.

The Bishop. Pure violet, massive flower. 12c, 3 for 30c.

Velvet King. Breeder. Rich deep velvety brown. 8c, 3 for 20c.

Yellow Perfection. Breeder. Old-gold-bronze. 8c.

Where only one bulb is offered of a variety, please order only one bulb of that variety.

In any representative tulip planting, it is the darkest flowers that contribute most to the brilliancy of the display, and the blues to its most exquisite beauty.

BEARDED IRISES

The bearded irises should be planted shallow, and should be given, as nearly as possible, a dry, well-drained location in full sun. A dressing of some form of lime or limestone is very beneficial.

Prices include delivery by mail or express.

At 25c per plant: Ambassadeur, Black Knight, Lent A. Williamson, Romeo, Souvenir de Mme. Gaudichau.

At 20c per plant: Alcazar, Aurora, La Neige, Miranda, Mother of Pearl, Seminole, Shekinah.

At 15c per plant: Archeveque, Crusader, Early White, Eldorado, Fairy, Innocenza, Kochii, Koenig, Pallida Dalmatica, Pfauenauge, Quaker Lady, Queen of May, Sherwin-Wright.

The bearded irises do well planted along foundations on the south and west sides, where it is too hot and dry for anything else.

All dead iris leaves and stems should be gathered and burned before winter.

BEARDLESS IRISES

These thrive in any good garden location, but especially enjoy a location by the waterside.

Prices include delivery.

Siberians. **Snow Queen**, white: **Perry's Blue**, light blue: **Distinction**, blue with white veining: **Emperor**, deep blue. 1 plant, any kind, 20c. 6 of a kind, 90c. 12 of a kind, \$1.50. 25 of a kind, \$2.50, 100 of a kind, \$8.00.

Ochroleuca. A superb flower, pure ivory-white, with yellow blotch on the falls. 25c, 6 for \$1.00, 25 for \$3.00, 100 for \$10.00.

Dorothea K. Williamson. Intense dark purple-blue, profuse bloomer, large flower. 30c, 4 for \$1.00.

Cristata, **Versicolor**, **Fulva**, **Foliosa**. 20c per plant.

MISCELLANEOUS PLANTS

Prices include delivery.

Lily of the Valley. Pure white, exquisitely fragrant. 15c.

Violets. **Hardy Sweet**, **Hardy White**, **Hardy Blue** and **White**. 15c each.

Artemisia, **Silver King**. Ghost plant. A beautiful foliage plant, silvery gray-white. When cut in bud stage it makes a beautiful winter bouquet. Hardy, but can be used as a houseplant through the winter, and set out in spring. 20c, 3 for 50c, 6 for 90c.

Blackberry Lily. **Belamcanda Chinensis**. Bright and showy, and a profuse bloomer through late summer. Orange-red, spotted darker. 15c, 4 for 50c, 10 for \$1.00.

Hemerocallis, **Queen of May**. One of the grandest of the yellow daylilies. Flowers of extreme size, rich yellow, in bloom several weeks in early summer. 25c, 6 for \$1.25.

Night-blooming Cereus. House-plant only. Marvelous flower, pure white. Slips, rooted and growing, 15c. Young plants, larger, 35c.

Stapelia. House-plant only. Looks like a cactus, but is not. Blooms freely, and the flower is a three-fold curiosity, in color, in form, in odor. Slips, rooted and growing, 25c.

Wax Plant. **Hoya Carnosa**. House-plant only. Nothing more choice. Evergreen, leaves thick and leathery, glossy deep green. Flowers delicate pink, star shape, in clusters. 50c. One large plant for \$1.50.

CHEMICALS

Aluminum Sulphate. Some plants do not thrive if their soil is not acid. In case plants are not doing well for this reason, use aluminum sulphate. Place a lump the size of a walnut or smaller on the soil in the pot, or two or three near the plant if in the ground, and pour over the lumps the water used in watering. When the plant begins to show results, remove the lumps. In case too much should have been used, water with lime water until the evil is corrected. One-half pound, 15c; one pound, 25c; three pounds, 50c.

Air-slaked Lime. 15c per pound.

Floranid. The best nitrogen plant food. Sample size, 10c. 1-lb. can, ordered with bulbs, 50c; by mail, alone, 65c.

Nitrophoska. The best combined nitrogen, phosphorus and potash plant food. Sample size, 10c. 1-lb. can, ordered with bulbs, 50c; by mail, alone, 65c.

Full directions with the package.

Write for prices if larger quantities are wanted.

PEONIES

The Peony list is on a separate sheet.